

Converting Colors

Hex(03161B)

Have a look what the booklet for
Hex(03161B) contains.

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Color

Hex(03161B)

Conversions

Conversions Part 1

Format	Color
Hex	03161B
RGB	3, 22, 27
RGB Percent	1%, 9%, 11%
CMY	0.9882, 0.9137, 0.8941
CMYK	0.89, 0.19, 0.00, 0.89
HSL	192°, 80%, 6%
HSV	192°, 89%, 11%
XYZ	0.5223, 0.6723, 1.1392
YIQ	16.8890, -12.9290, -2.4730

Conversions

Conversions Part 2

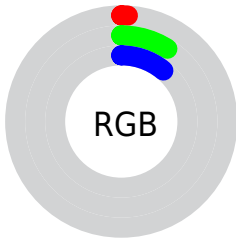
Format	Color
RYB	3, 14, 27
Decimal	202267
CIELab	6.07, -4.78, -5.69
CIElCh	6, 7.429, 229.939
Yxy	0.6723, 0.2238, 0.2881
Android (android.graphics.Color)	4278392347 (0xFF03161B)
YUV	16.8890, 4.9847, -12.1807
Hunter-Lab	8.1994, -2.9789, -2.4976

Details

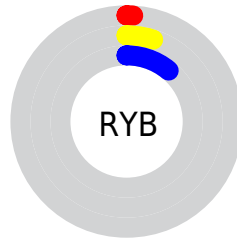
The Hex color **03161B** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1B0803**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **304046**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00151B**, and if you desaturate by 10%, it is **06171B**.

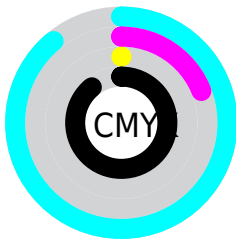
Distribution



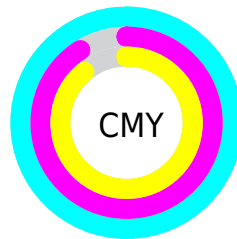
- Red (1%)
- Green (9%)
- Blue (11%)



- Red (1%)
- Yellow (5%)
- Blue (11%)



- Cyan (89%)
- Magenta (19%)
- Yellow (0%)
- Black (89%)



- Cyan (99%)
- Magenta (91%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 03161B changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 03161B by changing the saturation by 10% instead.

■ 03161B

■ 03161B

■ E4F7FE

■ 000000

■ 304046

■ 47585E

■ 5F7076

■ 788990

■ 92A4AA

■ ACBFC6

■ C8DAE2

■ 03161B

■ 03161B

■ 00151B

■ 06171B

■ 08171B

■ 0B181B

■ 0E181B

■ 11191B

■ 13191B

■ 161A1B

■ 191B1B

■ 1B1B1B

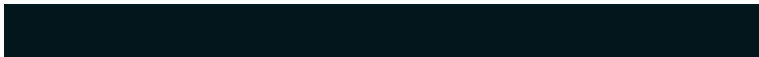
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



011717



03161B



0A151D

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



03161B



1D1016



141405

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



03161B



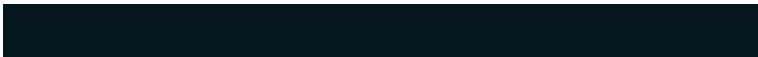
1B0803

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



1A1204



03161B



1E100F

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



03161B



19111A



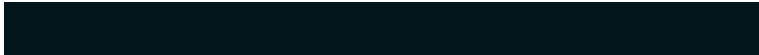
1D1109



0D160A

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



03161B



10131D



1D1109



161404

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



03161B



1A2224



031B08



0C1112



919191



121212

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



03161B



001C24



030A1B



0B0C0D



003D4D



00A2CC

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



1B0316



24001C



1B1403



0D0B0C



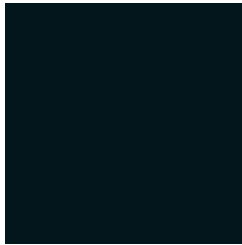
4D003D



CC00A1

Previews

White Background



This preview shows how the Hex color 03161B looks on a white background.

Color Contrast Check

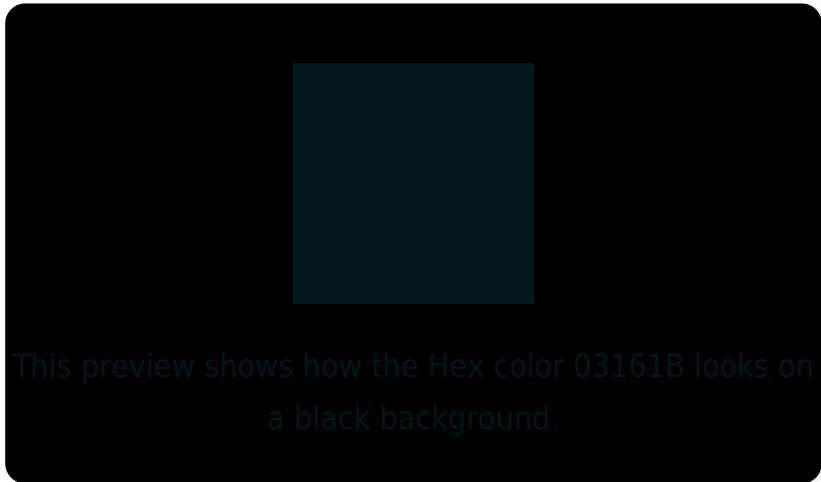
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

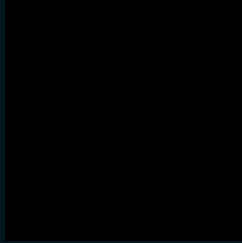
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

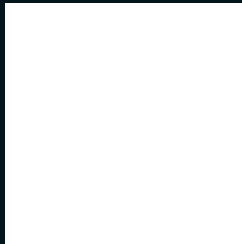
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 03161B Background



This preview shows how black text looks on a background with the Hex color 03161B.

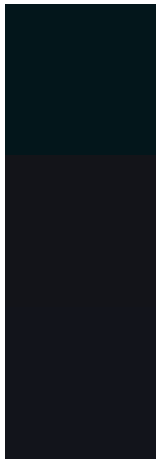


This preview shows how white text looks on a background with the Hex color 03161B.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
03161B

Protanopia
131419

Deuteranopia
12141B



Tritanopia
001618

Trichromacy



Original Color
03161B

Protanomaly
0D151A

Deuteranomaly
0D151B

Tritanomaly
011619

Monochromacy



Original Color
03161B

Achromatopsia
111111

Achromatomaly
0C1315

CSS Examples

Text

The CSS property to change the color of the text to Hex 03161B is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #03161B looks like.

```
.text, #text, p{  
    color:#03161B  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #03161B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03161B
}
```

Border

The CSS property to change the border of an element to Hex 03161B is called "border". The border property can be set on classes, ids or directly on the HTML element.

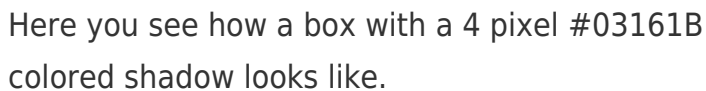
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#03161B }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#03161B }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #03161B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03161B; -webkit-box-shadow:4px 4px  
4px 4px #03161B; box-shadow:4px 4px 4px  
4px #03161B }
```

Background

The CSS property to change the background color of an element to Hex 03161B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03161B }
```

If only the background color should be changed can be used:

```
.background{ background-color:#03161B }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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